

HOREJSI, J., Dr.

Effect of rivanol on serum proteins. Cas. lek. cesk. 91 no.24-25:
704-707 20 June 52.

1. Z Ustředních biochemických laboratorí státní fakultní
nemocnice, Předn. prof. dr. J. Horejsi.

(ACRYDINE DYES, effects,

6,9-diamino-2-ethoxyacridine lactate, on blood
proteins)

(BLOOD PROTEINS, effect of drugs on,

6,-9-diamino-2-ethoxyacridine lactate)

HOEJESI, J.

*O hodnoceni laboratornich nalezu u infekcni hepatitidy. The assessment of laboratory findings in infectious hepatitis CAS. LEK. CES. 1953, 92/13 (353-355)

There is no specific test for infectious hepatitis. The liver possesses a very considerable functional reserve. In the prodromal stage the most important signs are enlargement of the liver, a positive urobilinogen test and, at the end of the first week of illness, a positive cephalin-cholesterol test. Later the thymol test becomes positive, but all these tests may be negative in true cases of the disease. In the 2nd stage, that of fully developed symptoms, tests are of considerable importance as indications of the course of the disease and for the purpose of differential diagnosis. In the 3rd or convalescent stage certain positive tests may indicate the need for caution and for continued rest. Prochazka - Prague (XX, 6, 7)

SO: EXCERPTA MEDICA, Vol. 8, No. 5, Section VI, May 1954

NOTES, c.

"Establishment of a Biochemical Commission at the Physiological Section of the J.E. Purkyne Czechoslovak Medical Society." p. 107,
(CESKOSLOVENSKA FYSIOLOGIE, Vol. 3, No. 1, Jun. 1954, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions, (EEL), LC, Vol. 4
No. 5, May 1955, Uncl.

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HOREJSI, J., prof., dr

Certain results on the investigation on gamma globulin. Cesk.
gastroenter. 9 no.1:22-24 Mar 55.

(GAMMA GLOBULIN,
pharmacol.)

Evaluation of the functional state of liver by means of a working load. H. Frey and A. S. Gmür. *Arch. Intern. Med.* 1964; 114: 24-31.

The authors have studied the effect of a working load on the functional state of the liver. The test was performed in 25 subjects (10 men and 15 women) who were subjected to a working load of 2500 kg for 10 hours. The results showed that the liver function was not significantly affected by the working load. The authors conclude that the liver function is not significantly affected by a working load of 2500 kg for 10 hours.

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I. M. Hais

REFTS

7

1. The first step in the process of identifying a problem is to define the problem. This involves identifying the symptoms of the problem and determining the scope of the problem. Once the problem has been defined, the next step is to identify the causes of the problem. This involves identifying the factors that are contributing to the problem and determining the underlying causes. Once the causes have been identified, the next step is to develop a plan to address the problem. This involves identifying the actions that need to be taken to address the problem and determining the resources that will be needed to implement the plan. Finally, the last step in the process is to implement the plan and monitor the results. This involves putting the plan into action and tracking the progress of the plan to ensure that the problem is being addressed effectively.

[illegible]

HOREJSI, Jaroslav, Prof., MUDr.

Present problems of the central biochemical laboratory.
Česk. zdravot. 4 no.3:122-125 Mar 56.

1. Přednosta ústřední laboratoré fakultní nemocnice v Praze.
(LABORATORIES, MEDICAL,
biochem. (Cz))

HOREJSI, J.

HOREJSI, J. Report on the 3rd International Congress of Biochemistry held in Brussels, August 1-8, 1955. p. 491. Vol. 50, no. 3, Mar. 1956. CHEMICKE LISTY. Praha, Czechoslovakia.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

CZECHOSLOVAKIA/Virology - Viruses in Man and Animals.

E-4

Abs Jour : Ref Zhur - Biol., No 15, 66950

Author : Horejsi, J., Mircevova, L., Sousek, R., Vanecek, K.
Inst :

Title : Experiments with the Aldose Reaction in Diagnosing
Hepatitis.

Orig Pub : Vnitřní lékařství, 1957, 3, No 7, 580-587

Abstract : The aldose reaction is not specific for diagnosing infectious hepatitis. The aldose reaction is negative in the absence of liver damage, and gives a positive test on the third to fifth day after the onset of the disease.

Card 1/1

6

HOREJSI, J.

Problems of central biochemical laboratory. Cas. lek. cesk.
96 no.1:20-23 4 Jan 57.

1. Ustredni Biochemicke Laboratore, prednosta prof.

Dr. J. Horejsi.

(BIOCHEMISTRY

problems of central biochemical laboratory (Cs))

(LABORATORIES

same)

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4141. GLUCOSE METABOLISM IN ERYTHROCYTES OF NORMAL SUBJECTS AND OF PATIENTS WITH INFECTIOUS HEPATITIS - Hofejál J. and Mirčevová L. Centr. Biochem. Lab., Fac. Hosp., Prague - PHYSIOL. BOHEM. 1958, 7/6 (540-545) Graphs 3 Tables 4 Illus. 1

Glycolytic activity is maintained both in haemolysed and in frozen erythrocytes. Glycolytic activity determined by the manometric method was lower than in the direct determination of lactic acid or glucose. A comparison of glucose metabolism in the erythrocytes of normal subjects and of patients with infectious hepatitis showed no significant difference in glycolysis. Hahn - Prague

HOREJSI, J.

50th year anniversary of Dr. Ant. Prosek. Cas. lek. cask. 97 no.19:
608 12 May 58.

(BIOGRAPHIES

Prosek, A. (Cz))

HOREJSI, J. (Praha 2, U nemocnice 1, UHKT)

Blood proteins and plasma substitutes. Cas. lek. cesk. 97 no.23-24:
729-731 6 June 58.

1. Ustav hematologie a krevni transfuze, reditel prof. Dr. J. Horejsi.
(PLASMA SUBSTITUTES,
(Cz))
(BLOOD DERIVATIVES,
(Cz))

EXCERPTA MEDICA Sec 2 Vol 12/11 Physiology Nov 59

5069. THE EFFECT OF FACTORS CONTAINED IN THE MEMBRANES OF RED BLOOD CELLS ON THE SHAPE OF THE DISSOCIATION CURVE OF HEMOGLOBIN - Hořejší J. and Komárková A. Inst. of Hematol. and Blood Transf.; Lab. of Protein Metab., Med. Fac., Charles Univ., Prague - CLIN. CHIM. ACTA 1959, 4/1 (391-392) Graphs 2 Tables 2

The dissociation curve of crystalline Hb is not influenced by glutathione in contrast to that of native blood. The effect of glutathione appears after the addition of the stroma of red blood cells. The dissociation curve is probably influenced by factors contained in this stroma. Carbonic anhydrase, the blocking of which significantly influences the shape of the dissociation curve, may be one of these factors.

HOREJSI, J.; KOMARKOVA, A.

Effect of erythrocyte stroma factor on hemoglobin dissociation curves.
Gesk. fysiол. 8 no.1:19-20 1959.

1. Ustav hematologie a krevni transfuze, Laborator pro vyzkum bilkovin
lek. fak. KU, Praha.

(ERYTHROCYTES,

eff. of stroma factor on hemoglobin dissociation curves (Cz))

HOREJSI, J. (Czechoslowacja)

Biochemical aspects of infectious hepatitis. Przegl. epidem.,
Warsz. 13 no.1:85-93 1959.
(HEPATITIS, INFECTIOUS, metabolism,
(Pol))

HOREJSI, J. (Praha 2, U nemocnice)

Infectious hepatitis in the research picture of recent years. Cas. lek. cesk. 98 no.28:lek. veda zahr., 145-150 10 July 59.

1. Ustav hematologie a krevni transfuze, Praha, prednosta prof. dr. J. Horejsi.

(HEPATITIS, INFECTIOUS
review (Gz))

GORZHEYSHI, Ya. [Horejsi, J.], prof.

Some mechanisms of importance in oxyhemoglobin dissociation
curves and their significance in the clinic. Probl.gemat.i
perel.krovi no.9:30-35 '61. (MIRA 14:9)

1. Iz Instituta gematologii i perelivaniya krovi (dir. - prof.
Ya. Gorzheyshi), Praga.
(HEMOGLOBIN)

HOREJSI, J.; CHUDOMEL, V.; JEZKOVA, Z.; KOOT, M.; SOUSEK, O. Technicka
spoluprace: POLACKOVA, Helena

Antibodies against the liver - their importance in the clinical aspects
of hepatopathy. I. Acute hepatitis. Cas.lek.cesk 100 no.38/39:1206-1213
29 S '61.

1. Ustav hematologie a krevni transfuze v Praze, prednosta prof. MUDr.
J. Horejsi, laborator pro metabolismus bilkovin fakulty vseob. lek. v
Praze, prednosta prof. MUDr. J. Horejsi, oddeleni inf. hepat. v Motole,
prednosta MUDr. O. Sousek.

(HEPATITIS immunol)

345

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[illegible]

HOREJSI, Jaroslav

The role of glutathione in the red blood cell. Postepy. biochem.
8 no.4:541-551 '62.

(GLUTATHIONE)

(ERYTHROCYTES)

HOREJSI, J.; LEHKY, T.; NIKL, J.; ZMESKALOVA, D.; technicka spoluprace:
JEHLICKOVA, M.; STERBIKOVA, J.

Use of heterologous plasma with glutathione in exsanguinated experimental animals. Rozhl. chir. 41 no.10:662-666 0 '62.

1. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr.
J. Horejsi, DrSc.
(GLUTATHIONE) (BLOOD TRANSFUSION) (HEMORRHAGE)

HOREJSI, J.

2
CZECHOSLOVAKIA

HOREJSI, J; CHUDOMEL, V; JEZKOVA, Z.

Institute of Hematology and Blood Transfusion
(Ustav hematologie a krevni transfuze), Prague
- (for all)

Prague, Vnitřní Lekarství, No 3, 1963, pp 243-246

"Antibodies Against Liver Tissue: Their Clinical Significance in Liver Disease."

HOREJSE, J.

3

CZECHOSLOVAKIA

HOREJSE, J; CHUDOMEL, V; JEZKOVA, Z; FASSATI, M.

1. Institute of Hematology and Blood Transfusion
(Ustav hematologie a krevni transfuze), Prague;
2. Third Internal Medicine Clinic (III. vnitřní
klinika), Prague - (for all)

Prague, Vnitřní lékařství, No 4, 1963, pp 313-319

"Antibodies Against Liver - Their Clinical Significance
in Hepatic Disease."

HOREJSI, J.

CZECHOSLOVAKIA

V. BRADAC, J. FIALA and J. HOREJSI, Institute for Hematology and Blood Transfusion (Ustav hematologie a krevni transfuze,) Chief (reditor) Prof. Dr J. HOREJSI, Dr Sc. Prague.

"Saccharose as Erythrocyte Preservative."

Prague, Casopis Lekaru Ceskych, Vol 102, No 2, 11 Jan 63; pp 43-46.

Abstract [English summary modified]: Replacement of part of the glucose in the aqueous solution (containing also Na citrate and citric acid) which is added to human blood to be stored and preserved for 1 to 4 weeks does decrease hemolysis and osmotic erythrocyte fragility (in 0.6% NaCl) as well as glycolytic activity but it does not prolong survival of the RBCs in the circulation of the recipients of blood so preserved. Six tables, 5 graphs; 1 Czech, 1 Soviet and 11 Western references.

1/1

CZECHOSLOVAKIA

M. KOUT and E. ENDERLE, Institute for Hematology and Blood Transfusion (Ústav hematologie a krevní transfuze) Chief (veditel) Prof. Dr. I. MACEJŠEK, DrSc; and Experimental Therapeutics Research Institute (Výzkumný ústav experimentální terapie) Chief Docent Dr. O. ŠMAHEL, DrSc; Prague.

"Anti-Kell Iso-Immunization."

Prague, Casopis Lékařů Českých, Vol 102, No 10, 8 Mar 63; pp 264-267.

Abstract [English summary modified]: Case report: woman aged 47 with chronic hypochromic anemia aggravated by 3 pregnancies, cholecystectomy requiring in all 23 transfusions over about 18 years. Authors theorize based on distribution frequency of Kell antigen (about 10%) that at least 2 donors were Kell-incompatible. Incomplete antibodies should also be sought when repetitive transfusions are required. Two tables, 2 Polish and 15 Western references.

1/1

HOREJSI, Jaroslav

Isoenzymes: significance of their studies in biology and medicine.
Chem listy 59 no.5:590-600 My '65.

1. Institute of Hematology and Blood Transfusion, Prague.

HOREJSI, J., prof. dr. sc. JEZKOVA, V.

Auto-immunity and its significance for the development of the
posthepatitis syndrome. Cas. lek. cesk. 104, no. 14:376-379
9 Apr '65

1. Ustav hematologie a krevní transfuze v Praze (reditel:
prof. dr. J. Horejsi, DrSc.).

HOREJSI, J., prof. dr. DrSc.

On the tasks and methods of clinical biochemistry. Cesk. zdrav.
13 no.9:425-430 S '65.

1. Clen korespondent Ceskoslovenske akademie ved, reditel Ustavu
hematologie a krevni transfuze v Praze.

Hematology

CZECHOSLOVAKIA

UDC 616.155.392-036.12-097.5

MAJSKY, A.; Institute of Hematology and Blood Transfusions (Ustav Hematologie a Krevni Transfuze), Prague, Director (Reditel) Prof Dr J. HOREJSI.

"Anti-Jk^a Antibody in Patients with Acute Leukemia."

Prague, Casopis Lekarů Ceskych, Vol 105, No 43, 28 Oct 66, pp 1176 - 1178

Abstract [Author's English summary modified]: Occurrence of an antibody anti-Jk^a in the serum of a woman suffering from acute leukemia is discussed. The antibody was incomplete, complement-fixing detectable by indirect antiglobulin tests. The anti-Jk^a antibody was never before reported in Czechoslovakia. Antigen Jk^a was found in 67% of the examined patients. 1 Table, 16 Western, 3 Czech, 1 East German reference. (Manuscript received Sep 65).
1/1

Immunology

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CZECHOSLOVAKIA

HOREJSI, Jaroslav; Corresponding Member of Czechoslovak Academy of Sciences, Chief of the Institute of Hematology and Blood Transfusions (Clen Korespondent CSAV, Prednosta Ustavu Hematologie a Krevni Transfuze), Prague.

"The Importance of the Autoimmune Processes in the Occurrence of Liver Lesions."

Prague, Casopis Lekarů Ceskych, Vol 105, No 52, 23 Dec 66, p 1415

Abstract: The article is an abstract of a paper submitted at a Meeting of the Society of Czech Doctors on 21 Nov 66. Author's practical experience is reviewed. The problem of antibodies against liver found in the human organism is discussed. The study of autoimmune processes from the point of view of diagnosis of liver diseases is described. No references.

HOREJSI, Josef, inz.

1962 Conference on Dams. Vodni hosp 12 no.11:456-457 N
'62.

1. Reditelstvi vodohospodarskeho rozvoje, Praha.

HOREJSI, M.; PETERA, V.

Homologous serum hepatitis. Cas.lek.cesk. 89 no.16:464-466 21 Ap '50.
(CML 19:2)

1. Clinic for Internal Diseases of Medical Faculty of Charles University, Branch in Pilsen (Pilsen (Head -- Prof. Jiri Scheiner, M.D., deceased)).

TOMSIKOVA, A.; SACH, J.; HOREJSI, M.; MECL, A.; MALY, V.; technicka spoluprace
NOVACKOVA, D.

Effect of mycotic flora on the development of chronic bronchitis. I.
Role of yeasts. Cas. lek. cesk. 101 no.45:1339-1348 9 N '62.

1. Ustav pro mikrobiologii a epidemiologii v Plzni, prednosta doc. dr.
J. Zahradnický Interní klinika lekárske fakulty KU v Plzni, prednosta
prof. dr. K. Bobek. Ustav pro organizaci zdravotnictvi v Praze,
prednosta prof. dr. F. Prosek.

(MYCOSES)

(BRONCHITIS)

(YEASTS)

HOREJSI, MILAN

Profily letajicich modelu. praha, Nase vojsko. (Profiles of model
airplanes. illus., tables). Vol. 2, 1955, 72 p.

SO: Monthly List of East European Accessions, (FEAL), LC, Vol. 5, no. 2
February, 1956

1(2)

PHASE I BOOK EXPLOITATION

CZECH/2406

Hořejší, Milan

Aerodynamika létajících modelů; profil, křídlo, vrtule (Aerodynamics of Model Airplanes; Airfoil, Wing, and Propeller) Praha, Naše vojsko, 1957. 347 p. (Series: Knižnice leteckého modelářství, sv. 6) 1,400 copies printed.

Reviewers: Rudolf Pešek, Professor, Engineer, Doctor; Josef Hošek, Engineer, Doctor, Corresponding Member, Czechoslovak Academy of Sciences; and Dušan Konečný, Engineer, Doctor; Resp. Ed.: Karel Zelený.

PURPOSE: The book is intended for students of aircraft design and for makers of model airplanes.

COVERAGE: The book is a simplified presentation of the aerodynamic characteristics of airfoils, wings and propellers. This volume is the first of two. The author devotes himself in this volume to the analysis of aerodynamic forces and principles of propulsion. Part II will deal with actual flight performance and the essentials of design. The book contains numerous charts, figures, and tables. There are 36 references: 16 Czech, 2 Soviet, 11 German, and 7 English.

Card 1/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

TABLE OF CONTENTS:

Foreword

9

A. PHYSICAL PRINCIPLES

1. Introduction	11
1.1. Units and symbols	11
1.2. Laws of motion	12
1.3. Properties of fluids	14
1.3.1. Density	14
1.3.2. Viscosity	15
1.3.3. Compressibility	17
1.3.4. Flow of fluids	18
1.4. Atmosphere and its properties	19
1.4.1. Changes in temperature, pressure and density with altitude	20
1.4.2. Temperature changes with latitude	21
1.4.3. Standard atmosphere	21
1.4.4. Additional data on standard atmosphere	23

Card 2/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

B. FUNDAMENTALS OF FLUID FLOW

2. Flow of Perfect Fluids	25
2.1. Streamlines	25
2.2. Basic laws of fluid flow	25
2.2.1. Equation of continuity	26
2.2.2. Bernoulli's equation	26
2.2.3. The moment-of-momentum law	28
2.3. Velocity and pressure of fluids	28
2.3.1. Flow through a tube	29
2.3.2. Flow around a cylinder	30
2.3.3. Flow around an airfoil	32
2.4. Formation of pressure	33
2.4.1. Flat plate in an airflow streamlines	33
2.4.2. Flow around a curved plate	37
2.4.3. Pressure on a wing	41
2.4.4. Correspondence of theory and practice [ideal and actual flow]	41
2.5. An infinite-span wing	43

Card 3/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

2.6. A finite-span wing	44
2.6.1. Induced phenomena [velocity, downwash, drag]	44
2.6.2. Finding the downwash angle	46
2.7. Induced drag of the wing	47
2.7.1. Computation of induced drag	49
2.7.2. Other induced phenomena	50
2.7.3. Rectangular wing	52
2.7.4. Parabola of induced drag	54
2.8. Minimizing the drag	54
3. Flow of Actual Fluids	57
3.1. Effects of viscosity	57
3.2. The boundary layer	57
3.2.1. Two types of boundary layer [laminar and turbulent]	59
3.2.2. Actual flow about a flat plate	60
3.3. Basic characteristics of boundary layer	61
3.3.1. Disruption of boundary layer	62
3.3.2. Transition of laminar into turbulent layer	63
3.4. Time of disruption of boundary layer	64
3.5. Time of transition of laminar layer into turbulent layer	66
3.5.1. Reynolds number and the critical moment of transition	68
3.6. Formation of drag	69

Card 4/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

3.6.1. Further data on drag	73
3.6.2. Computation of drag	73
3.6.3. Main types of drag and its minimizing	74
3.7. Dependence of drag coefficients on Reynolds numbers	78

C. AERODYNAMICS OF FLYING MODELS

4. Characteristics of Airfoils	83
4.1. Airfoil geometry	83
4.2. Development of airfoil types	86
4.3. Main shapes of airfoils	88
4.4. Purpose of airfoils	90
4.5. Computation of airfoil dimensions	93
4.6. Geometric plotting of airfoils	95
4.7. Conclusion on airfoil plotting	98
4.8. Fundamental aerodynamic concepts	98
4.8.1. Lift	103
4.8.2. Drag	105
4.8.3. Pitching moment and the location of lift forces	110
4.8.4. Aerodynamic center	113
4.8.5. The quarter-chord point	113
4.8.6. Various methods of plotting the forces acting on airfoils	113

Card 5/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

4.9. Other aerodynamic relationships and phenomena	115
4.9.1. Lift-curve slope	115
4.9.2. Lift-drag [polar] curve of airfoil	117
4.9.3. Distribution of pressure	120
4.9.4. Separation of airflow	122
4.9.5. Stalling of airplane models	128
5. Reynolds Number and Characteristics of Airfoils	131
5.1. Effect of Reynolds number on airfoil drag	131
5.2. Effects of Reynolds number on lift	132
5.3. Effect of Reynolds number on pitching moment	134
5.4. Effect of air temperature on Reynolds number	135
5.5. Airfoil shapes for supercritical Reynolds numbers	137
5.6. Another possibility of achieving supercritical streamlining	140
5.7. Selection of proper airfoil	144
6. Suitable Airfoils for Airplane Models	146
6.1. Survey of commonly-used airfoils	146
6.2. Airfoils of the H series	151
6.3. Airfoils with slotted flaps	155
6.4. The lift-drag curves of airfoils	157

Card 6/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

7. Wing Characteristics	161
7.1. Wings in general	161
7.1.1. Wing shape	162
7.1.2. Span efficiency and wingtip	163
7.2. Lift-drag curve of wing	163
7.2.1. Computation of the lift-drag curve	164
7.2.2. The glide angle	168
7.2.3. The climb angle	169
7.3. Lift-curve slope	171
7.4. Chordwise pressure distribution	173
7.5. Spanwise pressure distribution	175
7.5.1. Outstanding examples of pressure distribution	179
7.5.2. Separation of airflow	180
7.5.3. Wing twisting	182
7.6. Effect of other geometric factors	183
7.6.1. Wing tapering	
7.7. Effect of Reynolds number on aerodynamic characteristics of wings	186
7.8. Aerodynamic center of a wing	191
7.9. Mean aerodynamic chord	193

Card 7/10

Aerodynamics of Model Airplanes (Cont.)

CZFCII/2406

7.10. Swept wing	195
7.10.1. Distribution of pressure	195
7.10.2. Separation of airflow	197
7.10.3. Lift and drag	200
7.10.4. Pitching moment	200
7.10.5. Aerodynamic center	200
7.11. Addendum to wing theory	207
7.11.1. Thin-section wing	207
7.11.2. Wing with slotted flaps	209
8. Drag of Some Other Components of Airplane Models	211
8.1. The airplane body	211
8.2. Joint of wing and fuselage [interference drag]	214
8.3. Cable drag of an anchored model	218
D. AERODYNAMIC PROPULSION	
9. Propulsion of Airplane Models	221
9.1. Necessity of moving forwards	221
9.2. Formation of propulsion forces [thrust]	222
9.2.1. Propeller	223
9.2.2. Pulsejet	224

Card 8/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

9.2.3. Jet engines	226
9.3. Efficiency of the propulsion unit and fuel consumption	227
9.3.1. Thermal efficiency	230
9.3.2. Propulsion efficiency	233
9.3.3. Overall efficiency	236
10. Propeller	236
10.1. On propellers in general	237
10.2. Geometric characteristics of propellers	239
10.2.1. Geometric pitch angle and effective pitch angle	241
10.3. Aerodynamic characteristics of propellers	245
10.3.1. Determination of propeller characteristics by coefficients [thrust, torque, and power]	247
10.3.2. Speed-power coefficient of propellers	250
10.3.3. Example of propeller computation	253
10.4. Working diagram of the propeller-engine section	255
10.5. Propeller selection for a rubber-band motor	258
10.5.1. Example of computation	260
10.5.2. One-blade propeller	262
10.6. Effect of Reynolds number on aerodynamic characteristics of propellers	

Card 9/10

Aerodynamics of Model Airplanes (Cont.)

CZECH/2406

- 10.6.1. Critical Reynolds number
- 10.7. Effect of other factors on propeller performance
 - 10.7.1. Profile of propeller blades
 - 10.7.2. Shape of propeller blades
 - 10.7.3. Propeller hubs
- 10.7. Tilting propellers

253
257
267
271
274
275

Bibliography

278

Addenda [Tables]

281

List of Symbols

339

Index [Subjects and Names]

Appendix [Photographs]

AVAILABLE: Library of Congress

Card 10/10

IS/mg
11-19-59

HOREJSI, M.

"4th European championship of free motor aircraft models."

p. 216 (Letecky Modelar) Vol. 8, no. 10, Oct. 1957
Prague, Czechoslovakia

SO: Monthly Index of E_ustEuropean Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

~~GORBISHI~~, Milan [Horejsi, Milan]

Our friendship is indestructible! Kryl.rod. 8 no.10:24 O '57.
(MIRA 10:10)

1.Chlen prezidiuma TSentral'noy aviatsionnoy seksii pri
TSentral'nom Komitete SVAZARM.
(Czechoslovakia--Relations (General) with Russia)
(Russia--Relations (General) with Czechoslovakia)

S/124/62/000/001/014/046
D237/D304

AUTHOR: Hořejší, Milan

TITLE: Profile lattice and an isolated profile

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 1, 1962,
34, abstract 1B226 (Státní výzk. ústav tepelné
techn. Prague, SNTL, 1958, 53-69)

TEXT: A comparison is given of experimentally determined characteristics of an isolated profile and lattice of profiles. The results obtained demonstrate the influence of the spacing of the lattice and of the angle of setting the profiles on the coefficients of energy loss and of a normal force, and the angle of rotation of the flow in the compressor and turbine lattices. In particular, it is shown that the angular coefficient of the normal force of an isolated profile for the investigated profiles and lattices is larger than the corresponding coefficient of compressor and turbine lattices. [Abstracter's note: Complete translation.] ✓

Card 1/1

HOREJSI, M.

PHASE I BOOK EXPLOITATION

Z/6284

Jerie, Jan, ed., Engineer, Doctor, Corresponding Member of the Czechoslovak Academy of Sciences

Základní problémy ve stavbě spalovacích turbin (Basic Problems in the Construction of Gas Turbines [collection of articles]). Prague, Nakl. CAV, 1962. 627 p. 1600 copies printed.

Sponsoring Agency: Československá akademie věd.

Ed. of Publishing House: Marie Moravcová; Tech. Ed.: František Končický.

PURPOSE: The book is intended to familiarize turbine designers with recent developments in the design of gas turbines and to present some research results which may be helpful in designing more efficient turbines.

COVERAGE: The book comprises articles by leading Czechoslovak turbine experts on thermodynamic cycles, flow research in turbine components,

burning of fuel in combustion chambers, axial compressors, and characteristics of turbines manufactured in Czechoslovakia.

Basic Problems in the Construction (Cont.)

2/6284

5/6

L. Svršek (Research Institute for Crude Oil and Hydrocarbon Bases, Bratislava). Heavy Fuel Oils for Gas Turbines

251

P. Gröbner (Modřany Machine Plant, Modřany). Corrosion by Combustion Products in Gas Turbines

279

L. Špaček and M. Růžicka (State Research Institute for Heat Engineering, Prague). A Proposed System for Subsonic Gas Turbine Cascades

295

M. Hořejší (State Research Institute for Heat Engineering, Prague). Aerodynamics of Turbine Cascades in the Subsonic Region

309

J. Bukovský (Technical University for Machine Building and Electrical Engineering, Plzeň). Some Properties of Compressor Cascades at High Flow Velocities

335

Card 5/8

2/2

HAVLIK, J.; BORIK, O.; FIDLER, J.; HOREJSI, P.

Hemophilia as a cause of respiratory obstruction. *Cesk. pediat.* 17
no.11:1000-1004 N '62.

1. Detske oddeleni OUNZ v Karlovych Varech, prednosta dr J. Fidler
Otolaryngologicka oddeleni OUNZ v Karlovych Varech, prednosta dr.
O. Borik.

(HEMOPHILIA)

(RESPIRATORY INSUFFICIENCY)

FRIEDRICH, V., inz.; HOREJSI, S., inz.

Wear resisting wheels for Czechoslovak railway cars; discussion.
Hut listy 17 no.10:729-732 0 '62.

AUTHOR: Horejsi, V. (Graduate engr.; Prague)

ORG: none

SOURCE CODE: GE/0046/61/000/011/0422/0425

11
B

TITLE: Research in freeze drying in Czechoslovakia

SOURCE: Lebensmittel-Industrie, no. 11, 1965, 422-425

TOPIC TAGS: refrigeration equipment, blood plasma, food technology

ABSTRACT: In Czechoslovakia, the Research Institute for the Construction of Food and Refrigeration Machines (Forschungsinstitut für Lebensmittel-und Kältemaschinenbau VUZVU) was commissioned to do research and development work in the field of machinery for freeze drying. In 1952-54, the firm "Frigera" constructed a freeze-drying machine for liquids, and in 1963-64 larger and improved installations for the freeze-drying of liquid and solid substances were developed by the same firm. In 1954-59 the ZVU Research Institute developed two special installations for the drying of blood plasma. An experimental installation of rivet pipe consisting of a drying chamber and an ice condenser was also developed for confirming theoretical considerations concerning the drying process. Of the various heat-input methods (unilateral heat conduction by electrically heated aluminum plates; heat radiation by electrically heated ceramic radiators; bilateral contact heat input by pressing the material between

Card 1/2

L 28355-66

ACC NR: AP6009165

0
heated plates; and the electric heating by microwave energy) radiation heating proved most satisfactory by achieving the shortest drying time. The results were used for the development of a large-scale freeze-drying installation now being employed in the state-owned firm of Vitana Bysice for the determination of various technical parameters. The ZVU Research Institute also produced a laboratory installation for freeze-drying experiments. Beginning in 1960, it is to be produced in series with a capacity of 7 kg of fresh substance per charge. For large large-scale industrial installations either a parallel assembly of chambers or a tunnel arrangement was suggested. Experience at home and abroad seems to favor the former solution. Orig. art. has: 7 fig. and 2 tables.

SUB CODE: 14,13/ SUBM DATE: none

Card 2/2 CC

HOREJS, Jiri; SVOBODA, Josef; PECINA, Vaclav; HORACEK, Rudolf; HOREJSOVA, Milena

Reports of the branch organizations of the Association of Czechoslovak
Mathematicians and Physicists. Pokroky mat fyz astr 7 no.2:122-126
'62.

HOREL, J.

"Effect of plant nutrition on the quality of crops." (p. 329)
ZA SOCIALISTICKE ZEMEDELSTVI. (Ministerstvo zemedelstvi a Cechoslovenska
akademie zemedelskych ved) Praha. Vol. 4, No. 4, Apr. 1954.

SO: East European Accessions List, Vol. 3, No. 8, Aug. 1954.

HOREL, J.

Institutes of agricultural research in the German Democratic Republic; experience from a trip.

p. 210
Vol. 3, no. 4, 1956
BESEDA VENKOVSKÉ RODINY
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

HOREL, J.

Notes of an agricultural chemist on Hungarian research work.

p. 243
Vol. 3, no. 5, 1956
HESEDA VENKOVSKÉ RODINY
Praha

SO: Monthly List of East European Accessions (EEAL), LC, Vol. 5, no. 12
December 1956

CZECHOSLOVAKIA/Cultivated Plants - Decorative.

M-8

Abs Jour : Ref Zhur - Biol., No 3, 1958, 11167

Author : Horel, J.

Inst : -

Title : Plant Odors.

Orig Pub : Ziva, 1956, 4, No 4, 131-132

Abstract : An examination is made of the chemical and physiological nature of odors and their significance in the life of the plants.

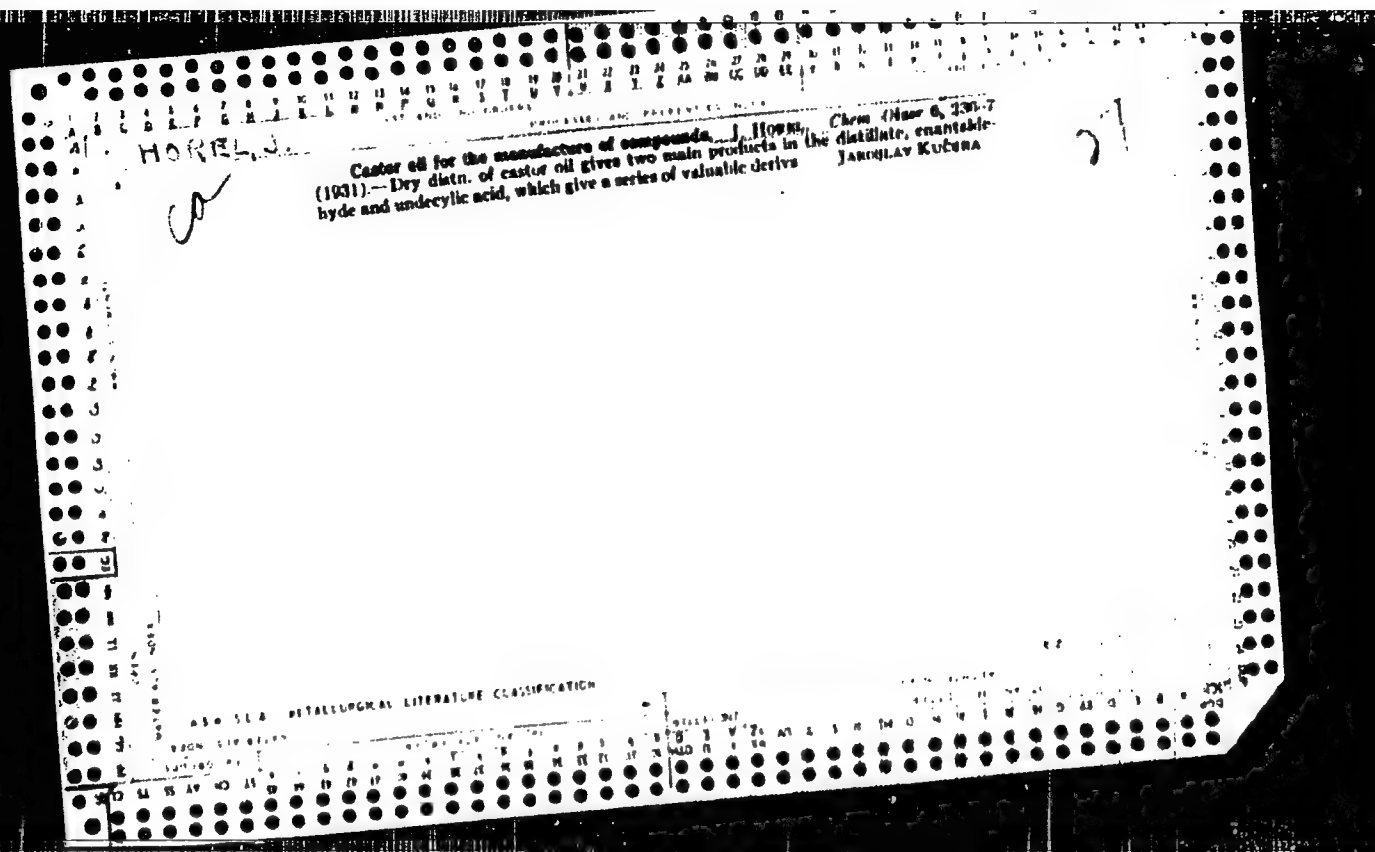
Card 1/1

HOREK, J.

Rostik, K. Asynchronous motors in power distribution and industry. p. 150.
ELEKTROTECHNIK, Praha, Vol. 10, no. 5, May 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

LIST AND INDEX		PROCESSING AND PROPERTY INDEX	
<p>MOREL, J.</p> <p><i>Lichen from Evernia prunastri. JAN HORST. Chem. Abstr. 5, 322-4(324-5 English)(1930).--A lichen of Evernia prunastri growing in Slavonian forests on leafy trees and Coniferae is described which serves as a raw material for the manufacture of an aromatic essential oil, called essence de mousses de chêne. This lichen, exported from Czechoslovakia to France, is extracted with low-boiling solvents, purified and decolorized. One hundred kg. of the lichen yields 0.2-0.3 kg. raw ext. and 20-30 g. pure essential oil. The chem. compn. of the oil is briefly discussed.</i></p> <p>J. Krčmář.</p>			
<p>ASS-55A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>SEARCHED INDEXED</p>			



1ST AND 2ND CODES										PROCESS AND PROPERTY INDEX										3RD AND 4TH CODES									
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A B C D E F G H I J										K L M N O P Q R S T U V										W X Y Z									
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A B C D E F G H I J										K L M N O P Q R S T U V										W X Y Z									

ca 16

MOSELS

Czechoslovakian hop oil and its practical utilization
 Nebavinsky and J. Havel. *Chemie & industrie Special*
 No., 1208-13 (June, 1933).—Analyses are given of no. of
 oils obtained by distg. Czechoslovakian hops of the 1930
 and 1931 crops, and discussed from the standpoint of their
 possible utilization in the beverage, perfumery and soap
 industry, and ultimately also in medicine. A. P.-C.

ASS-5LA METALLURGICAL LITERATURE CLASSIFICATION									
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A B C D E F G H I J									
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HOREL, J.																										12																																			
<p>Feasibility of industrial utilization of domestic soy beans.--Jan Horel: Chem. Abstr. 9, 61-7(1934).--Soy beans cultivated in Czechoslovakia contain an av. of 17% of oil (d₄ 0.928, sapon. no. 197.6, I no. 181.7, acidity 1.9 and viscosity (Hager) 8.5 at 70°), 34% di-saccharide proteins and 1.6-3% lecithin. I. Kulera</p>																																																													
<p>ASAC 354 BIBLIOGRAPHIC LITERATURE CLASSIFICATION</p>																																																													

A microfiche card with a header section containing "PROCESSES AND PROCEDURES" and a main body with a title "Chemistry of tobacco with respect to tobacco raised in Czechoslovakia" and a paragraph of text. The card is marked with "17" in the top right corner and "CA" in the top left corner. The bottom section contains a table with columns for "ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION" and "19000 DIVISION".

PROCESSES AND PROCEDURES

17

CA

Chemistry of tobacco with respect to tobacco raised in Czechoslovakia. Jan Horel. Chem. Abstr 10, 300-11 (in English 211) (1934). Various factors affecting the quality of tobacco are described, and tobacco grown in Czechoslovakia is analyzed for the government monopoly to find the relation between the composition and the quality. The analytical results are used for control and selection of the plant and are presented in tables showing the total N content to be a very important factor affecting the quality (it is larger in tobacco of inferior quality). The content of N-free ext. is in direct relation to the tobacco quality, which improves with the increasing content of N-free ext. and vice versa.

1. Kučera

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

19000 DIVISION

17

FOREL, J.

Chemical method for a rapid determination of alkaloid content of sweet lupines the breeding. H. Kunt and J. Horst. *Shruth-Cooked, Abad. Zentblatt* 19, 96-8 (1938) (in German) (1938). Dissolve 0.8 g. KI and 0.4 g. I and dil. to 1000 cc. with dist. H₂O. This soln. gives a color reaction with alkaloids when these are present in about 0.1% concn. For further info. for solns. containing 0.1% alkaloids use a stronger soln. made up of 1.2 g. KI and 0.6 g. I and dil. to 1000 cc. with dist. H₂O. J. Kunt

ASAC SLA METALLURGICAL LITERATURE CLASSIFICATION

METALLURGICAL LITERATURE CLASSIFICATION									
SUBJECT		AUTHOR		TITLE		JOURNAL		PAGE	
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

16

CA

MOORE, J. G.

Effect of weight and protein in estimating the quality of brewing barley. *J. Am. Assoc. Cereal Chem.* 1941, 1, 3453. On the basis of a study of 5 harvests the view is advanced that barley having a high hectoliter wt. (74-8) is always good brewing barley. It is not possible at present to answer with certainty the question of whether the total protein content or the content in water-sol. protein (extrd. hot) is the detg. factor in judging a brewing barley. M. G. Moore

Rubber Abstracts

HOREL, J.

PLANTING

Application of the differential extractive method in the analysis of plants for the estimation of resins and rubber. J. HOREL (Chem. Chron., 1914, 23, 1074; Chem. Abs., 1919, 63, 1604). The empty extraction tubes are dried for 3 hr. at 102° and weighed. They are weighed again with the sample after drying for 5 hr. at 65°. The first extraction is made with acetone for at least 12 hr., followed by drying for 3 hr. at 65° and weighing. The loss in weight is resin. The second extraction is done with chloroform for 24 hr., followed by drying 3 hr. at 65°. The loss in weight is rubber. The main advantage of this method is that many samples can be extracted at one time in an apparatus and with one filling of the solvent. 1501

1749

CHYTRY, Vladimír; HORENÍ, Alena; DOLEŽEL, Břetislav

Microscopic examination of the electrolyte penetration in epoxy and polyester resins. Chem prum 13 no.3:145-167 Mr '63.

1. Státní výzkumný ústav ochrany materiálu G.V. Aklínova, Praha.

HORER, O.

Role of surfaces in colloid systems and methods of evaluation. p. 111.

STUDII SI CERCEȚARI DE FIZICA. Bucuresti. Vol. 6, no. 1, Jan/Mar. 1955.

So. East European Accessions List Vol. 5, No. 8 August, 1956

HORER, O.

Factors influencing the molecular weight of glycogen. Preliminary note. p. 339.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE CHIMIE.
Bucuresti, Rumania. Vol. 6, no. 2, 1958.

Monthly List of E ast European Accessions (EEAI) Vol. 8, no. 7, July 1959.

Uncl.

ANGELESCU, E.; HORER, O.

Study on the phenomenon of turbidity hysteresis during the process of gelation, and the reverting into sol of the 0,1 molal sodium stearate. Note I. Studii cerc chim 8 no.3:387-398 '60.
(EEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul coloizi, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Angelescu).

(Turbidity) (Hysteresis) (Gelation) (Colloids)
(Sodium stearate)

ANGELESCU, E.; HORER, O.

Study on the hysteresis phenomenon of turbidity in the process of gelation and reversion to sol of sodium stearate at 0,1 molar.
Note II. Studii cerc chim 9 no.1:69-84 '61. (BEAI 10:9)

1. Centrul de cercetari chimice al Academiei R.P.R., Sectorul coloizi, Bucuresti. 2. Membru corespondent al Academiei R.P.R.; Comitetul de redactie, Studii si cercetari de chimie (for Angelescu).

(Hysteresis) (Turbidity) (Sodium stearate)

NICOLAU, Claude; HORER, Oswald; THOMAS, Ernest; STROESCU, Eugenia
PASCARU, Iancu

Free radicals in enzymatic reactions. Pts. 1-2. Rev chimie
Roum 9 no. 4:319-329 Ap '64.

1. Research Center of the Ministry of Health, Bucharest.

HORER, Oswald I.

Gelatinization of sodium stearate hydrogels in the electric field.
Rev chimie Roum 9 no.10:645-649 0 '64.

1. Laboratory of Colloidal Chemistry of the Research Center for
Organic Chemistry of the Romanian Academy, 89 Splaiul Independentei,
Bucharest.

HORER, Oswald; THOMAS, Ernest; MITRA, Maria; NICOLAE, Claude

Free radicals in enzymic reactions. Pt. 3. Rev chimie Roum 9
no.12:871-878 D '64.

1. Research Center of the Ministry of Health and Social Welfare,
Bucharest. Submitted June 28, 1964.

HORER, Oswald L.

Gelatination of the hydrosols of sodium stearate in the electric field. Studii cerc chim 13 no.10:675-679 O '64.

1. Colloid Laboratory of the Organic Chemistry Research Center of the Rumanian Academy, Bucharest, 89 Splaiul Independentei.

HORER, Oswald; THOMAS, Ernest; MIRA, Maria S.; NICOLAU, Claude

Free radicals in enzymatic reactions. Pt.3. Studii cerc
chim 13 no.12:913-921 D '64.

1. Laboratory of Physical Chemistry, Institute of Inframicrobiology
of the Rumanian Academy, Bucharest, 285 Sos. Mihai Bravu (for
Horer). 2. Research Center of the Ministry of Health and Social
Welfare, 37 C.A.Rosetti Street (for Thomas, Mira, Nicolau).

ANGELESCU, E.; HÖRER, O.

Some conductometric data on the hysteresis phenomenon of turbidity in the process of the gelation and return to sol of the 0,1 molal sodium stearate. Studii cerc chimie 10 no.2:151-155 '62.

1. Centrul de cercetari chimice al Academiei R.P.R., Sectia chimie fizica, Bucuresti. 2. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari de chimie" (for Angelescu).

ANGELESCU, E.; HORER, O.

Thermal effects on the hysteresis phenomenon of the turbidity in the gelling process and the returning to Na-stearate 0,1 molal sol.
Studii cerc chim 10 no.3/4:325-336 '62.

1. Membru corespondent al Academiei R.P.R. (for Angelescu).
2. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti.

ANGELESCU, E.; HORER, O.

Dilatometric thermal analysis data on the hysteresis phenomenon of the turbidity in the gelling process and returning to Na-stearate 0,1 molal sol. Studii cerc chim 10 no.3/4:337-344 '62.

1. Membru corespondent al Academiei R.P.R. (for Angelescu). 2. Centrul de cercetari chimice al Academiei R.P.R., Sectia de chimie-fizica, Bucuresti.

NICOLAU, Cl.; HORER, O.; THOMAS, E.; STROESCU, E.; PASCARU, I.

Free radicals in enzymatic reactions. Pt.1. Studii cerc chim
12 no. 4:319-323 Ap '64.

1. Research Center of the M.S.P.S.

NICOLAU, Cl.; THOMAS, E.; HORER, O.; STROESCU, Eugenia.

Free radicals in enzymatic reactions. Pt. 2. Studii cerc
chim 12 no. 4:325-329 Ap '64.

1. Research Center of the M.S.P.S.

PORTOCALA, R.; SAMUEL, I.; POPA, L.; PRANOVEANU, E.; BILLET, S.; HORER, O.

Comparative biological and physico-chemical studies of some nucleic acids exposed to the action of heat. Stud. cercet. inframicrobiol. 15 no.5:423-440 '64.

I. Ad223.000 SWP(0) Pn

ACC NR: AP6029180

SOURCE CODE: RU/0003/65/017/002/0110/0110

AUTHOR: Horescu, I.

ORG: none

TITLE: Laboratory installation with automatic regulation devices R sub 3 for work with ion exchangers under dynamic conditions

SOURCE: Revista de chimie, v. 17, no. 2, 1966, 110

TOPIC TAGS: ion exchange, chemical laboratory apparatus, automatic regulation

ABSTRACT: The author describes a device to be used with ion exchange columns to maintain a constant liquid level and assure a constant flowing volume. The device is simple to construct and operates automatically. [JPRS: 36,556]

SUB CODE: 07 / SUBM DATE: none

Card 1/1 JS

0917 2797

JIRASEK, J.; HORESOVSKY, J.

Intrapulmonary injuries as sequelae of thoracic compression.
Rozhl. chir. 44 no.11:778-789 N '65.

1. Chirurgické oddelení Obvodního ústavu národního zdraví
(vedoucí MUDr. J. Vrbský).

CZECHOSLOVAKIA

FRANC, Z.; HORESOVSKY, O.; KRAUS, P.; Research Institute for Pharmacy and Biochemistry, Prague. [Orig. version not given] 7.

"A Biochemical Study with S³⁵-Prothiadene."

Prague, Activitas Nervosa Superior, Vol 8, No 11, Nov 66, pp 355 - 356

Abstract: The efficacy of prothiadene was determined; it is lower than imipramine N but its therapeutic effect is more rapid. Absorption, distribution in the organism, and elimination from the body were investigated. The amount of S³⁵ was determined by the liquid scintillation technique. The lowest activity was found in the brain, the highest in the liver. Lung tissue shows a great affinity for prothiadene. Maximum concentrations in various organs are reached in 1-6 hours after administration. Highest urinary excretion takes place in the first hours after administration, but is detectable for 48-72 hours. Female rats adsorbed 30% of the amount administered, male rats 50%. Some excretion via the bile was also observed. The biotransformation of prothiadene is similar to that of imipramine. 1 Figure, no references. Submitted at the 8th Annual Psychopharmacological Meeting at Jesenik, 18-22 Jan 66.

1/1

Article is in English.

HORESCU, I.

B-9

ROMANIA/Physical Chemistry - Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13826

Author : I. Horescu.

Inst : Academy of Sciences of Rumania, Timisoara Base.

Title : Theoretical Considerations Concerning Application of
Moving Metal Grids at Heterogeneous Catalysis.

Orig Pub : Studii si cercetari stiint. Acad. RPR. Baza Timisoara.
ser. stiinte chim., 1956, 3, No 1-2, 121-127

Abstract : The part of the diffusion transfer of substance in heterogeneous catalytic reactions is discussed. Ways to diminish the diffusion film thickness are shown. It is shown that the application of metal grids and, especially, of moving metal grids (vibrating or rotating) considerably decreases the deceleration by diffusion. The

Card 1/2

RUMANIA/Physical Chemistry - Kinetics, Combustion,
Explosions, Topochemistry, Catalysis.

B-9

Abs Jour : Ref Zhur - Khimiya, No 5, 1958, 13826

The conclusions arrived at are confirmed by the example
of NH_3 oxidation on Pt grids.

Card 2/2

COCHECI, V., conf. ing.; HORESCU, I., asist. ing.

Use of leather waste for the obtainment of decolorizing activated carbon. Industria usoara 3 no.5:179-182 My '56.

HORESCU, I.

The possibility of autothermal oxidation of methanol with the aid of formaldehyde. Studii chim Timisoara 9 no.3/4:321-333 J1-D '62.

ACC NR: APO023178

SOURCE CODE: RU/0003/13. 12/10/1965

AUTHOR: Hershon, I.

ORG: 1000

TITLE: Laboratory R sub 1 gas meter with automatic flow recording

SOURCE: Revista de chiria, v. 16, no. 2, 1965, 96-97

TOPIC TAGS: flow meter, laboratory instrument

ABSTRACT: A description of the construction and operation of a laboratory gas meter that can be used for a wide range of processes. The device which is simple to use and calibrate, consists of a cylinder with a regulating valve at the top, an arrangement for introducing the liquid under constant pressure, and a tap at the bottom for gas admission and liquid evacuation. Electric, optic or magnetic or mechanical devices can be incorporated. Orig. art. has: 3 figures. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1

ST

0915

1389

RECOVERY, citation

Chromatographic separation of amino acids in the *tert*-butanol-borate buffer (pH 8.5) system. Ivo M. Hajos and Oldřich Horstovský (Vězkumst Ústav Farm. Biochem., Prague, Czech.). *Chem. Listy* 48, 649-51 (1954).—Solvent system *tert*-BuOH-borate buffer is used for sepn. those amino acids the sepn. of which in other systems is difficult. The solvent is composed of 85 parts *tert*-BuOH liquefied with 5% H₂O, and of 15 parts of a buffer (pH 8.5) prepd. by dissolving 4.143 g. H₃BO₃ and 5.0 g. KCl in 0.5 l. H₂O, by adding a soln. of complexon III (0.15 g. in 114 ml. 0.1N NaOH), and by bringing the pH to 8.5 with 0.1N NaOH. Detection was carried out by a soln. consisting of 9 parts 0.2% EtOH soln. of ninhydrin with 1 part AcOH. The sepn. of amino acids having low *R_f* can be improved by repeated development.

M. Hudlická

18-15-54

mf

FRANC, Z.; HORISOVSKY, O.; HAIS, I.M.

Studies on anticoagulant substances. XXXVII. Distribution, absorption and excretion of S35 in mice, rats and rabbits after the administration of an anticoagulant 2,2-di 4-hydroxy-3-coumarinyl - diethylsulfide-S35 (Thiotan). *Cesk farm. 11, no. 3, Mar 62 **

1. Vyzkumny ustav pro farmaci a biochemii, Praha.
(COUMARINS metab) (SULFUR metab)

* *probable source*

HORETZKY, Tibor

Achievements of the innovators at the Orion Radio and Electric Company. Ujit lap 15 no.8:12 25 Ap '63.

1. Orion Radio es Villamossagi Vallalat ujitasi eloadója.

HOREZEANU, M., ing.: IONESCU, E., ing.

Stations for maintenance and parking of vehicles used in
public transportation. Rev transport 8 no. 9:404-411 S '61.

HORGA, M.

HON. N.

ROMANIA

Romania

MD

Member of staff of the Reghin Raion Hospital (Spitalul Raional
Reghin), Mures-Hungarian Autonomous Regime

Bucharest, Viata Medicala, No 2, 15 Jan 63, pp 81-83.

"New Aspects in Hepatology."

Co-author:

HORGA, M., MD, Member of staff of the Reghin Raion Hospital.